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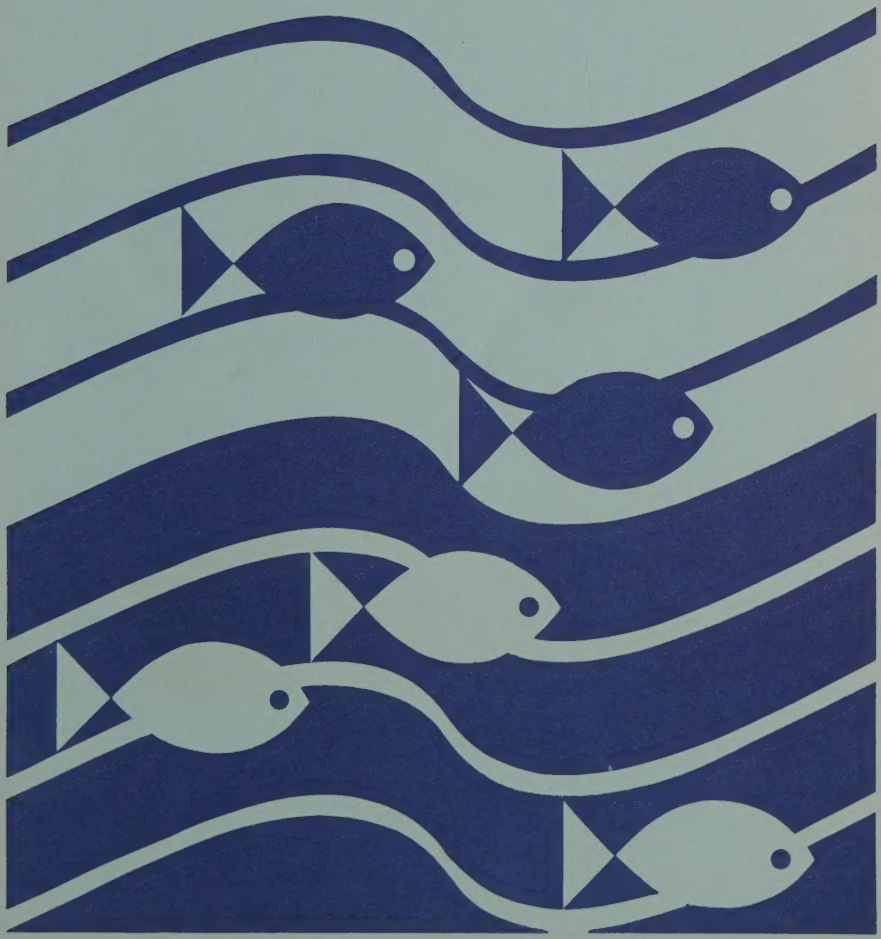

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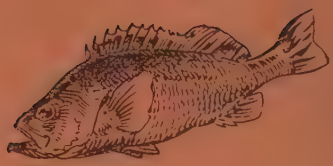

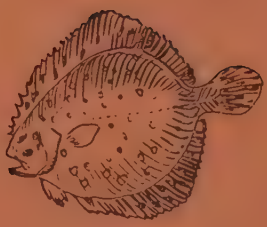

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Bell, Gordon R., Doris Slind, and John W. Bagshaw. 1986. Pictorial Atlas of Histology of the Sablefish (Anoplopoma finbria). (Atlas illustre de l'histologie de la mo rue charbonniere Anoplopoma fimbria). Can. Spec. Publ. Fish. Aquat. Sci. 94. 93 pp. $21.60.

The authors indicate this atlas was compiled in anticipation of increasing importance of intensive culture of the sablefish and thus a need for baseline health data. They wish this work to serve as a starting point for the fish health specialist in working with this species and do not present it as a definitive product. I believe, they have achieved their basic goal. They take the user through the salient points of many organs going from relatively low magnification (100X) stepwise to oil immersion (1000X). Some organs are illustrated in excess (ovary has 20 figures) while others - (e.g pancreas and interrenal tissue) are illustrated by only one low power figure. This results in somewhat of an imbalance of coverage. The user is left with questions--does the sablefish have a pseudobranch? How well is the choroid gland developed? Are Stannous bodies present? The thymus, stomach and gas bladder were not covered.

Some supporting text would have been very helpful in several areas, illustrations of the ventricle point out nuclei of reticuloendothelial, endothelial and endocardial cells all of which have no distinctive features in the illustrations.

The color rendition of the histological figures, as is all too common with such material, is less than one would wish but the high quality of the tissue preparations and the photography come through despite the printing. While broader coverage of organs and tissues would have been very helpful, this atlas will serve well its intended purpose and be of basic interest to fish histologists.--R. L. Herman, Histopathologist, National Fish Health Research Laboratory, Box 700, Kearneysville, West Virginia 25430.

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